



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bret C. Clark

Application No.: 09/768,617

Group No.: 2837

Filed: January 25, 2001

Examiner.: Smith, Tyrone W.

For: BLDC MOTOR NOISE REDUCTION USING CONSTANT BUS CURRENT  
CONTROL COMMUTATION

Date of mailing "Notice of Allowance and  
Base Issue Fee Due" 11/14/2003  
Confirmation No. 5733

Attn: Office of Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### PETITION TO CORRECT ASSIGNEE 183 Petition to waive 37 C.F.R. § 3.81(a)

I hereby certify that, on the date shown below, this correspondence is being:

#### MAILING

deposited with the United State Postal Service in an envelope addressed to  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
**37 C.F.R. § 1.9(a)**  **37 C.F.R. § 1.10\***

with sufficient postage as first class mail.  as Express Mail Post Office to  
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Mailing Label No. EV 406 074 625 US (3/1/2004)

#### TRANSMISSION

facsimile transmitted to the Patent and Trademark Office (703) 308-6916.

Date: 3/1/04

Michael D. Wiggins

03/05/2004 MBERHE1 00000001 09768617

01 FC:1460

130.00 OP

**EV 406 074 625 US**



### PETITION

1. Applicant hereby petitions to correct the Assignee name on the Issue Fee Transmittal. The name of the Assignee should be Emerson Electric Co. We have enclosed a copy of the Issue Fee Transmittal filed February 13, 2004 with the correct Assignee. Also enclosed is a copy of the Recorded Assignment from the inventors to Emerson Electric Co.

### PATENT ISSUE FEE

2. The issue fee for this case has been paid on February 13, 2004

(complete the following if known)

This application is scheduled to

- issue on \_\_\_\_\_.  
 as patent \_\_\_\_\_.

### PETITION FEES

3. PETITION FEES (37 C.F.R. § 1.17(h))

The fee set forth in § 1.17(h), required by 37 C.F.R. § 1.313(a), is paid as follows:

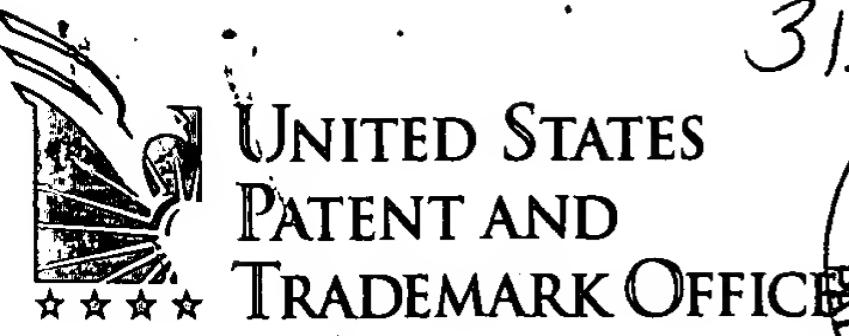
- Attached is a  check  money order in the amount of \$130.00  
 Authorization is hereby made to charge to the amount of \$\_\_\_\_\_  
     to Deposit Account No. \_\_\_\_\_  
     to Credit card as shown on the attached credit card information  
        authorization from PTO-2038.

***WARNING: Credit card information should not be included on this form as it may become public;***

- Charge any additional fees required by this paper or credit any overpayment  
in the manner authorized above.  
A duplicate of this paper is attached.

  
Michael D. Wiggins Reg. No. 34,754

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600  
Customer No.: 27572



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MARCH 01 2004  
PATENT & TRADEMARK OFFICE  
U.S. DEPARTMENT OF COMMERCE

✓MPB

FEBRUARY 05, 2002

HARNESS, DICKEY & PIERCE, P.L.C.  
MICHAEL P. BRENNAN  
P.O. BOX 828  
BLOOMFIELD HILLS, MI 48303

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*101918473A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/2001

REEL/FRAME: 012362/0090

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

CLARK, BRET S.

DOC DATE: 10/11/2001

ASSIGNEE:

THORN, J. STEPHEN

DOC DATE: 10/12/2001

ASSIGNEE:

EMERSON ELECTRIC CO.  
8000 WEST FLORISSANT  
ST. LOUIS, MISSOURI 63136

SERIAL NUMBER: 09768617

FILING DATE: 01/25/2001

PATENT NUMBER:

ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

DEC 11 2001

PATENT & TRADEMARK OFFICE  
USPTO

12-17-2001

cket No. 3174-000001/CPA

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Pat

101918473

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bret S. Clark

J. Stephen Thorn

MAR 01 2004

Additional name of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

Execution Date(s): \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Emerson Electric Co.

Internal Address: \_\_\_\_\_

Street Address: 8000 West Florissant

City: St. Louis State: MO Zip: 63136

Additional Name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/768,617

B. Patent No.(s)

406

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Michael P. Brennan

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

6. Total number of applications and/or patents involved: [1]

7. Total fee (37 CFR 3.41) .....\$ 40

Enclosed

Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Michael D. Wiggins

Name of Person Signing

*Michael D. Wiggins*

Signature

10/22/01

Date

Total number of pages including cover sheet, attachments, and documents: [3]

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

# ASSIGNMENT

Atty. Docket No. 3174-000001/CPA

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:  
**BLDC MOTOR NOISE REDUCTION USING CONSTANT BUS CURRENT CONTROL  
COMMUNICATION**

for which Assignor is about to make or has made United States or International application for patent

- (a)  executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b)  executed on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_; or
- (c)  filed on January 25, 2001, and assigned Serial No. 09/768,617 or PCT International Application No. \_\_\_\_\_;
- (d)  U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_; and

WHEREAS, the undersigned executed an invalid assignment to Emerson Motor Co. which is a Division of Emerson Electric Co. and which is not a legal entity;

WHEREAS, the undersigned intended to execute this Assignment to Emerson Electric Co.;

WHEREAS, Emerson Electric Co., having a place of business at 8000 West Florissant, St. Louis, Missouri 63136, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

## ASSIGNMENT

Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Bret S. Clark  
Bret S. Clark

On this 11<sup>th</sup> day of October, 2001, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purposed therein set forth.

Donna D. Hopson  
Notary Public,

St. Charles County, State of Missouri

My Commission Expires: June 27, 2004

DONNA D. HOPSON  
(seal) Notary Public - Notary Seal  
STATE OF MISSOURI  
St. Charles County  
My Commission Expires: June 27, 2004

J. Stephen Thorn  
J. Stephen Thorn

On this 12<sup>th</sup> day of October, 2001, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purposed therein set forth.

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St. Charles County, State of Mo

My Commission Expires: June 27, 2004

DONNA D. HOPSON  
(seal) Notary Public - Notary Seal  
STATE OF MISSOURI  
St. Charles County  
My Commission Expires: June 27, 2004

DEC 11 2001

HDP/SB/92 based on PTO/SB/92 (08-00)

Application Serial No. 09/768,617

Attorney Docket No. 3174-000001/CPA

MAR 01 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Hon. Commissioner of Patents & Trademarks  
Washington, D.C. 20231

on October 22, 2001.

Date

Stephanie Provost

Signature

Stephanie Provost

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Submitted herewith is (are):

Check in the amount of \$40.00 (Assignment Recordal Fee); Assignment Cover Sheet (in duplicate); Assignment; and Return Postcard.

DEC 11 2001

PATENT & TRADEMARK OFFICE

Attorney Docket No. 3174-000001/CPA

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

## RECORDATION FORM COVER SHEET

### PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bret S. Clark  
J. Stephen Thorn

Additional name of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

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Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

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B. Patent No.(s)

Additional numbers attached?  Yes  No

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Michael D. Wiggins

Name of Person Signing

Michael D. Wiggins

Signature

10/22/01

Date

Total number of pages including cover sheet, attachments, and documents: 3

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